



Dart Aerospace Ltd.  
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Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200  
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**D5134-041**  
**Job Sheet 198271**



*W/197899*

**Part No:** D5134-041

**Job Qty:** 4 pcs

**Part Name:** Damper Support Assembly, LH



**Part Weight:** 0 lbs

**Status:** New

**Priority:** Medium

**Job Created:** 7/24/19

**Job Tracking No:**

**Due Date:** 9/2/19

**Created By:** Marie Lajeunesse

**Type:** SOLD

**Description:**

**Note:** DWG REV B IPP REV:A NEW ISSUE 14-09-09 JLM VERIFIED BY:DD .

**Ship Via:**

### Bill of Materials

### Job Routing

| Op No | Operation         | Qty      | Start Date | Due Date | Standard  |         | Workcenter/Supplier   |           | Sign-off            |
|-------|-------------------|----------|------------|----------|-----------|---------|-----------------------|-----------|---------------------|
|       |                   |          |            |          | Setup Hrs | Run Hrs | Workcenter / Supplier | Lead Time |                     |
| 100   | Bandsaw - 1       | 4<br>pcs |            | 9/2/19   | 0.00      | 0.24    | Bandsaw - 1           |           | <i>SBL 19/09/19</i> |
| 110   | HAAS 4 Axis - B4B | 4<br>pcs |            | 9/2/19   | 1.00      | 9.30    | HAAS - 1 - B4B        |           |                     |
|       |                   |          |            |          |           |         | HAAS - 2 - B4B        |           |                     |
|       |                   |          |            |          |           |         | HAAS - 3 - B4B        |           | <i>SBL 19/09/19</i> |
|       |                   |          |            |          |           |         | HAAS - 4 - B4B        |           |                     |
| 120   | QC 2              | 4<br>pcs |            | 9/2/19   | 0.00      | 0.00    | QC 2 - 1              |           |                     |
|       |                   |          |            |          |           |         | QC 2 - 12             |           |                     |
|       |                   |          |            |          |           |         | QC 2 - 14             |           |                     |
|       |                   |          |            |          |           |         | QC 2 - 17             |           |                     |
|       |                   |          |            |          |           |         | QC 2 - 19             |           |                     |
|       |                   |          |            |          |           |         | QC 2 - 2              |           |                     |
|       |                   |          |            |          |           |         | QC 2 - 20             |           |                     |
|       |                   |          |            |          |           |         | QC 2 - 22             |           |                     |
|       |                   |          |            |          |           |         | QC 2 - 23             |           |                     |
|       |                   |          |            |          |           |         | QC 2 - 25             |           |                     |
|       |                   |          |            |          |           |         | QC 2 - 32             |           |                     |
|       |                   |          |            |          |           |         | QC 2 - 33             |           |                     |
|       |                   |          |            |          |           |         | QC 2 - 35             |           |                     |
|       |                   |          |            |          |           |         | QC 2 - 39             |           |                     |
|       |                   |          |            |          |           |         | QC 2 - 4              |           |                     |
|       |                   |          |            |          |           |         | QC 2 - 40             |           |                     |
|       |                   |          |            |          |           |         | QC 2 - 44             |           |                     |
|       |                   |          |            |          |           |         | QC 2 - 45             |           |                     |
|       |                   |          |            |          |           |         | QC 2 - 48             |           |                     |
|       |                   |          |            |          |           |         | QC 2 - 49             |           |                     |
|       |                   |          |            |          |           |         | QC 2 - 50             |           |                     |
|       |                   |          |            |          |           |         | QC 2 - 51             |           |                     |
|       |                   |          |            |          |           |         | QC 2 - 52             |           |                     |
|       |                   |          |            |          |           |         | QC 2 - 57             |           | <i>SBL 19/09/19</i> |
|       |                   |          |            |          |           |         | QC 2 - 62             |           |                     |



**Container No:** S215019



**Part:** D5134-041

**Job No:** 198271

**Serial No/Batch:** S215019

**Revision:**

**Inspector:**

**Exp Date:**

**Instructions:** Various STC's

Dart Aerospace Ltd.  
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Date: 09/19/19

Plex 7/24/19 11:59 AM Dart.lajeunesse.marie

|                                   |          |        |           |                           |               |
|-----------------------------------|----------|--------|-----------|---------------------------|---------------|
| 130 QC 8                          | 4<br>pcs | 9/2/19 | 0.00 0.00 | QC 2 - 63                 |               |
|                                   |          |        |           | QC 2 - 8                  |               |
|                                   |          |        |           | QC 2 - 66                 |               |
|                                   |          |        |           | QC 2 - 64                 |               |
|                                   |          |        |           | QC 2 - 65                 |               |
|                                   |          |        |           | QC 2 - 5                  |               |
|                                   |          |        |           | QC 2 - 71                 |               |
|                                   |          |        |           | QC 2 - 73                 |               |
|                                   |          |        |           | QC 2 - 69                 |               |
|                                   |          |        |           | QC 8 - 12                 |               |
|                                   |          |        |           | QC 8 - 14                 |               |
|                                   |          |        |           | QC 8 - 17                 |               |
|                                   |          |        |           | QC 8 - 20                 |               |
|                                   |          |        |           | QC 8 - 25                 |               |
|                                   |          |        |           | QC 8 - 3                  |               |
|                                   |          |        |           | QC 8 - 32                 |               |
|                                   |          |        |           | QC 8 - 33                 |               |
|                                   |          |        |           | QC 8 - 35                 |               |
|                                   |          |        |           | QC 8 - 39                 |               |
|                                   |          |        |           | QC 8 - 4                  |               |
|                                   |          |        |           | QC 8 - 44                 |               |
|                                   |          |        |           | QC 8 - 45                 |               |
|                                   |          |        |           | QC 8 - 49                 | mm L 19/09/22 |
|                                   |          |        |           | QC 8 - 58                 |               |
|                                   |          |        |           | QC 8 - 8                  |               |
|                                   |          |        |           | QC 8 - 9                  |               |
|                                   |          |        |           | QC 8 - 68                 |               |
|                                   |          |        |           | QC 8 - 67                 |               |
|                                   |          |        |           | QC 8 - 1 (A)              |               |
|                                   |          |        |           | QC 8 - 47                 |               |
|                                   |          |        |           | QC 8 - 40                 |               |
|                                   |          |        |           | QC 8 - 52                 |               |
|                                   |          |        |           | QC 8 - 23                 |               |
|                                   |          |        |           | QC 8 - 57                 |               |
| 135 Handfinish - 1-1 Chemical-B4B | 4<br>pcs | 9/2/19 | 0.00 0.27 | Handfinish - 1 - 1 - B4B  |               |
|                                   |          |        |           | Handfinish - 1 - 2 - B4B  |               |
|                                   |          |        |           | Handfinish - 1 - 3 - B4B  | SEP 23 2019   |
|                                   |          |        |           | Handfinish - 1 - 4 - B4B  |               |
|                                   |          |        |           | Handfinish - 1 - 5 - B4B  |               |
|                                   |          |        |           | Handfinish - 1 - 6 - B4B  |               |
|                                   |          |        |           | Handfinish - 1 - 7 - B4B  |               |
|                                   |          |        |           | Handfinish - 1 - 8 - B4B  |               |
|                                   |          |        |           | Handfinish - 1 - 9 - B4B  |               |
|                                   |          |        |           | Handfinish - 1 - 10 - B4B |               |
|                                   |          |        |           | Handfinish - 1 - 11 - B4B |               |
|                                   |          |        |           | Handfinish - 1 - 12 - B4B |               |
|                                   |          |        |           | Handfinish - 1 - 13 - B4B |               |
|                                   |          |        |           | Handfinish - 1 - 14 - B4B |               |
|                                   |          |        |           | Handfinish - 1 - 15 - B4B |               |
|                                   |          |        |           | Handfinish - 1 - 16 - B4B |               |
|                                   |          |        |           | Handfinish - 1 - 17 - B4B |               |
|                                   |          |        |           | Handfinish - 1 - 18 - B4B |               |
|                                   |          |        |           | Handfinish - 1 - 19 - B4B |               |
|                                   |          |        |           | Handfinish - 1 - 20 - B4B |               |
|                                   |          |        |           | Handfinish - 1 - 21 - B4B |               |
|                                   |          |        |           | Handfinish - 1 - 22 - B4B |               |
| 137 QC 7                          | 4<br>pcs | 9/2/19 | 0.00 0.00 | QC 7 - 10                 |               |
|                                   |          |        |           | QC 7 - 13                 |               |
|                                   |          |        |           | QC 7 - 14                 |               |

|                           |          |        |           |                       |                |
|---------------------------|----------|--------|-----------|-----------------------|----------------|
|                           |          |        |           | QC 7 - 15             |                |
|                           |          |        |           | QC 7 - 17             |                |
|                           |          |        |           | QC 7 - 18             |                |
|                           |          |        |           | QC 7 - 19             |                |
|                           |          |        |           | QC 7 - 2              |                |
|                           |          |        |           | QC 7 - 28             |                |
|                           |          |        |           | QC 7 - 3              |                |
|                           |          |        |           | QC 7 - 30             |                |
|                           |          |        |           | QC 7 - 34             |                |
|                           |          |        |           | QC 7 - 36             |                |
|                           |          |        |           | QC 7 - 37             | DAS            |
|                           |          |        |           | QC 7 - 41             | 41 SEP 23 2019 |
|                           |          |        |           | QC 7 - 47             | 8-89           |
|                           |          |        |           | QC 7 - 48             |                |
|                           |          |        |           | QC 7 - 51             |                |
|                           |          |        |           | QC 7 - 58             |                |
|                           |          |        |           | QC 7 - 59             |                |
|                           |          |        |           | QC 7 - 60             |                |
|                           |          |        |           | QC 7 - 9              |                |
|                           |          |        |           | QC 7 - 68             |                |
|                           |          |        |           | QC 7 - 50             |                |
|                           |          |        |           | QC 7 - 67             |                |
|                           |          |        |           | QC 7 - 40             |                |
|                           |          |        |           | QC 7 - 24             |                |
|                           |          |        |           | QC 7 - 43             |                |
|                           |          |        |           | QC 7 - 61             |                |
|                           |          |        |           | QC 7 - 81             |                |
| 140 Spray Paint - 2 - B4B | 4<br>pcs | 9/2/19 | 0.00 1.04 | Spray Paint - 1 - B4B |                |
|                           |          |        |           | Spray Paint - 2 - B4B | RP 19-9-25     |
|                           |          |        |           | Spray Paint - 3 - B4B |                |
|                           |          |        |           | Spray Paint - 4 - B4B |                |
| 150 QC 14                 | 4<br>pcs | 9/2/19 | 0.00 0.00 | QC 14 - 15            |                |
|                           |          |        |           | QC 14 - 2             |                |
|                           |          |        |           | QC 14 - 34            |                |
|                           |          |        |           | QC 14 - 41            |                |
|                           |          |        |           | QC 14 - 51            |                |
|                           |          |        |           | QC 14 - 58            |                |
|                           |          |        |           | QC 14 - 59            |                |
|                           |          |        |           | QC 14 - 9             |                |
|                           |          |        |           | QC 14 - 68            |                |
|                           |          |        |           | QC 14 - 40            | DAS            |
|                           |          |        |           | QC 14 - 19            | SEP 26 2019    |
|                           |          |        |           | QC 14 - 43            | 40             |
|                           |          |        |           | QC 14 - 24            | 8-89           |
|                           |          |        |           | QC 14 - 61            |                |
|                           |          |        |           | QC 14 - 81            |                |
| 160 Small Fab - 2 - B4B   | 4<br>pcs | 9/2/19 | 0.00 0.58 | Small Fab - 1 - B4B   | DAS            |
|                           |          |        |           | Small Fab - 2 - B4B   | 58 SEP 27 2019 |
|                           |          |        |           | Small Fab - 3 - B4B   | 8-89           |
|                           |          |        |           | Small Fab - 4 - B4B   |                |
|                           |          |        |           | Small Fab - 5 - B4B   |                |
|                           |          |        |           | Small Fab - 6 - B4B   |                |
|                           |          |        |           | Small Fab - 7 - B4B   |                |
| 170 QC 5                  | 4<br>pcs | 9/2/19 | 0.00 0.00 | QC 5 - 10             |                |
|                           |          |        |           | QC 5 - 12             |                |
|                           |          |        |           | QC 5 - 17             |                |
|                           |          |        |           | QC 5 - 18             |                |
|                           |          |        |           | QC 5 - 19             |                |
|                           |          |        |           | QC 5 - 22             |                |

7/24/2019

[Dart Hawkesbury] Job Sheet - Lajeunesse, Marie

|                                 |          |        |           |                        |             |
|---------------------------------|----------|--------|-----------|------------------------|-------------|
|                                 |          |        |           | QC 5 - 24              |             |
|                                 |          |        |           | QC 5 - 3               |             |
|                                 |          |        |           | QC 5 - 43              |             |
|                                 |          |        |           | QC 5 - 49              |             |
|                                 |          |        |           | QC 5 - 51              |             |
|                                 |          |        |           | QC 5 - 58              |             |
|                                 |          |        |           | QC 5 - 68              |             |
|                                 |          |        |           | QC 5 - 9               |             |
|                                 |          |        |           | QC 5 - 50              |             |
|                                 |          |        |           | QC 5 - 30              |             |
|                                 |          |        |           | QC 5 - 40              | OCT 02 2019 |
|                                 |          |        |           | QC 5 - 61              |             |
|                                 |          |        |           | QC 5 - 81              |             |
| 180 Packaging 3-1 - Stock - B4B | 4<br>pcs | 9/2/19 | 0.00 0.00 | Packaging 3 - 1 - B4B  |             |
|                                 |          |        |           | Packaging 3 - 2 - B4B  |             |
|                                 |          |        |           | Packaging 3 - 3 - B4B  |             |
|                                 |          |        |           | Packaging 3 - 4 - B4B  | L6054       |
|                                 |          |        |           | Packaging 3 - 5 - B4B  |             |
|                                 |          |        |           | Packaging 3 - 6 - B4B  |             |
|                                 |          |        |           | Packaging 3 - 7 - B4B  |             |
|                                 |          |        |           | Packaging 3 - 8 - B4B  |             |
|                                 |          |        |           | Packaging 3 - 9 - B4B  |             |
|                                 |          |        |           | Packaging 3 - 10 - B4B |             |
|                                 |          |        |           | Packaging 3 - 11 - B4B |             |
|                                 |          |        |           | Packaging 3 - 12 - B4B |             |
|                                 |          |        |           | Packaging 3 - 13 - B4B |             |
|                                 |          |        |           | Packaging 3 - 14 - B4B |             |
|                                 |          |        |           | Packaging 3 - 15 - B4B |             |
|                                 |          |        |           | Packaging 3 - 16 - B4B |             |
|                                 |          |        |           | Packaging 3 - 17 - B4B |             |
|                                 |          |        |           | Packaging 3 - 18 - B4B |             |
|                                 |          |        |           | Packaging 3 - 19 - B4B |             |
|                                 |          |        |           | Packaging 3 - 20 - B4B |             |
|                                 |          |        |           | Packaging 3 - 21 - B4B |             |
|                                 |          |        |           | Packaging 3 - 22 - B4B |             |
|                                 |          |        |           | Packaging 3 - 23 - B4B |             |
|                                 |          |        |           | Packaging 3 - 24 - B4B |             |
|                                 |          |        |           | Packaging 3 - 25 - B4B |             |
|                                 |          |        |           | Packaging 3 - 26 - B4B |             |
|                                 |          |        |           | Packaging 3 - 27 - B4B |             |
|                                 |          |        |           | Packaging 3 - 28 - B4B |             |
|                                 |          |        |           | Packaging 3 - 29 - B4B |             |
|                                 |          |        |           | Packaging 3 - 30 - B4B |             |
|                                 |          |        |           | Packaging 3 - 31 - B4B |             |
|                                 |          |        |           | Packaging 3 - 32 - B4B |             |
|                                 |          |        |           | Packaging 3 - 33 - B4B |             |
|                                 |          |        |           | Packaging 3 - 34 - B4B |             |
|                                 |          |        |           | Packaging 3 - 35 - B4B |             |
|                                 |          |        |           | Packaging 3 - 36 - B4B |             |
| 190 QC 21 - SA                  | 4<br>pcs | 9/2/19 | 0.00 0.00 | QC 21 - SA - 21        |             |
|                                 |          |        |           | QC 21 - SA - 70        |             |
|                                 |          |        |           | QC 21 - SA - 53        |             |

Part Op 100 - Bandsaw - CUT BLANK TO 5.125" LONG \*\*\*\*\*CHECK GRAIN DIRECTION\*\*\*\*\*  
 Descriptions: 110 - HAAS CNC Vertical Machine - Mill as per Dwg and folio FB342

120 - QC2- Inspect parts off machine FAI/FAIB

130 - QC8- Inspect parts - second check

135 - Chemical Conversion Coat per QSI005 4.1

137 - QC7-Inspect Chemical Conversion Coat

140 - Spray Paint / NDT Room \*\*\*MASK BEARING HOLE AS PER NOTE 2\*\*\* PRIME AS PER DWG AND QSI

BATCH: 5195221 PAINT AS PER DWG AND QSI BATCH: 5204428

Plex 7/24/19 11:59 AM Dart.lajeunesse.marie

- 150 - QC14- Inspect Spray Paint  
 160 - Small Fab - install bushings as per dwg  
 170 - QC5- inspect part completeness to step on W/O  
 180 - Identify as per dwg & Stock Location: \_\_\_\_\_ -LOCATION : LG054  
 190 - QC21- Final Inspection - Work Order Release)

## Job BOM

| Part / Item          | Component Name                                                       | Quantity            | Operation               | Container |
|----------------------|----------------------------------------------------------------------|---------------------|-------------------------|-----------|
| M7075T73B3.000X4.000 | 7075-T73 Bar 3.0 X 4.0 Grain Direction Along 3" (cut to 4 ft length) | 1.7080 ft (.427 ea) | 100-Bandsaw - 1         | 5043346   |
| NAS77C6-021          | Bushing                                                              | 8 Ea (2 ea)         | 160-Small Fab - 2 - B4B | fmb4833   |

## Job Allocations

| Operation               | Component Part       | Required | Inventory | Allocated |
|-------------------------|----------------------|----------|-----------|-----------|
| 100-Bandsaw - 1         | M7075T73B3.000X4.000 | 2        | 3         | 0         |
| 160-Small Fab - 2 - B4B | NAS77C6-021          | 8        | 191       | 0         |

## Part Specifications

| Spec No | Description                 | Target/Tolerance               | Limits         | Type   | Special Comments |
|---------|-----------------------------|--------------------------------|----------------|--------|------------------|
| 1       | Damper Support Assembly, LH | 0.360Inches ± 0.030            | 0.390<br>0.330 | 0.362  |                  |
| 2       | Damper Support Assembly, LH | 0.188Inches + 0.005<br>- 0.001 | 0.193<br>0.187 | 0.188  |                  |
| 3       | Damper Support Assembly, LH | 0.257Inches + 0.006<br>- 0.001 | 0.263<br>0.256 | 0.257  |                  |
| 4       | Damper Support Assembly, LH | 1.932Inches ± 0.010            | 1.942<br>1.922 | 1.932  |                  |
| 5       | Damper Support Assembly, LH | 0.632Inches ± 0.010            | 0.642<br>0.622 | 0.639  |                  |
| 6       | Damper Support Assembly, LH | 0.632Inches ± 0.010            | 0.642<br>0.622 | 0.636  |                  |
| 7       | Damper Support Assembly, LH | 0.730Inches ± 0.010            | 0.740<br>0.720 | 0.730  |                  |
| 8       | Damper Support Assembly, LH | 0.500Inches + 0.000<br>- 0.010 | 0.500<br>0.490 | 0.4995 |                  |
| 9       | Damper Support Assembly, LH | 0.100Inches ± 0.010            | 0.110<br>0.090 | 0.100  |                  |
| 10      | Damper Support Assembly, LH | 0.728Inches ± 0.010            | 0.738<br>0.718 | 0.723  |                  |
| 11      | Damper Support Assembly, LH | 0.250Inches ± 0.030            | 0.280<br>0.220 | Radius |                  |
| 12      | Damper Support Assembly, LH | 0.630Inches ± 0.030            | 0.660<br>0.600 | Radius |                  |
| 13      | Damper Support Assembly, LH | 0.063Inches ± 0.010            | 0.073<br>0.053 | Radius |                  |
| 14      | Damper Support Assembly, LH | 0.117Inches ± 0.010            | 0.127<br>0.107 | 0.121  |                  |
| 15      | Damper Support Assembly, LH | 0.177Inches ± 0.010            | 0.187<br>0.167 | 0.180  |                  |
| 16      | Damper Support Assembly, LH | 0.841Inches ± 0.010            | 0.851<br>0.831 | 0.842  |                  |
| 17      | Damper Support Assembly, LH | 0.208Inches ± 0.010            | 0.218<br>0.198 | 0.207  |                  |
| 18      | Damper Support Assembly, LH | 0.208Inches ± 0.010            | 0.218<br>0.198 | 0.207  |                  |
| 19      | Damper Support Assembly, LH | 0.860Inches ± 0.010            | 0.870<br>0.850 | 0.8645 |                  |
| 20      | Damper Support Assembly, LH | 1.471Inches ± 0.010            | 1.481<br>1.461 | 1.479  |                  |
| 21      | Damper Support Assembly, LH | 0.130Inches ± 0.030            | 0.160<br>0.100 | Radius |                  |

Entered: \_\_\_\_\_ Date: \_\_\_\_\_

# WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. \_\_\_\_\_

Route update only ☐



|                                                                                                                                                                                                                                                                                                                                                                                     |                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                             |  |                              |               |                  |                  |         |                       |               |                   |          |           |                 |         |        |                      |      |        |                              |                                 |                    |                   |               |             |                 |         |            |              |                |  |
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| <b>Job:</b> _____<br><b>Part No.</b> _____                                                                                                                                                                                                                                                                                                                                          |                                 | <b>DISPOSITION</b><br>Rework <input type="checkbox"/> <input type="checkbox"/><br>Scrap <input type="checkbox"/> <input type="checkbox"/><br>Use-as-is <input type="checkbox"/> <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                   | <b>DEPARTMENT/PROCESS</b><br>Skid-tube <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/><br>Machining <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/><br>Large Fab <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/><br>Cross tube <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/><br>Small Fab <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/><br>Finishing <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/><br>Eng. (Non-AW) <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/><br>Prod. Eng. Coord. <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/><br>Rec/Store/Packaging <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/><br>Engineering <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/><br>Water Jet <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/><br>Supplier <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/><br>Quality <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |  |                             |  | <b>MRB (QS1042)</b><br>_____ |               |                  |                  |         |                       |               |                   |          |           |                 |         |        |                      |      |        |                              |                                 |                    |                   |               |             |                 |         |            |              |                |  |
| <b>Date:</b> _____                                                                                                                                                                                                                                                                                                                                                                  |                                 | <b>Sequence #:</b> _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                   | <b>QTY Affected:</b> _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  | <b>Disposition</b><br>_____ |  |                              |               |                  |                  |         |                       |               |                   |          |           |                 |         |        |                      |      |        |                              |                                 |                    |                   |               |             |                 |         |            |              |                |  |
| <b>Description Work Order Deviation</b><br>_____                                                                                                                                                                                                                                                                                                                                    |                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                   | <b>Completed By</b><br>_____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |                             |  |                              |               |                  |                  |         |                       |               |                   |          |           |                 |         |        |                      |      |        |                              |                                 |                    |                   |               |             |                 |         |            |              |                |  |
| <b>Lead hand / Supervisor</b><br>_____                                                                                                                                                                                                                                                                                                                                              |                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                   | <b>QC / QA Coordinator</b><br>_____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                             |  |                              |               |                  |                  |         |                       |               |                   |          |           |                 |         |        |                      |      |        |                              |                                 |                    |                   |               |             |                 |         |            |              |                |  |
| <b>Root Cause</b><br>Operator <input type="checkbox"/><br>Manufacturing Process <input type="checkbox"/><br>Equip/Tooling <input type="checkbox"/><br>Handling/Preservation <input type="checkbox"/><br>Material <input type="checkbox"/><br>Product Improvement <input type="checkbox"/><br>Process Improvement <input type="checkbox"/><br>Human Factors <input type="checkbox"/> |                                 | <b>FAULT CATEGORY</b><br><table border="1"> <tr> <td>Pressure/Forced</td> <td>Contamination</td> <td>Power Loss/Surge</td> <td>Positioned Wrong</td> </tr> <tr> <td>Bending</td> <td>Misaligned/off center</td> <td>Folio/Program</td> <td>Outside Tolerance</td> </tr> <tr> <td>Crushing</td> <td>BOM/Route</td> <td>Grain Direction</td> <td>Drawing</td> </tr> <tr> <td>Cracks</td> <td>Broken/Damage/Defect</td> <td>Weld</td> <td>Finish</td> </tr> <tr> <td>Crimp/Kink/Ripple/Wave/Twist</td> <td>Incomplete/Unclear Instructions</td> <td>Wrong Stock Pulled</td> <td>Part Lost/Missing</td> </tr> <tr> <td>Marks/Chatter</td> <td>Drill Holes</td> <td>Out of Sequence</td> <td>Misread</td> </tr> <tr> <td>Mislabeled</td> <td>Fit/Function</td> <td>Off-set/Set-up</td> <td></td> </tr> </table> |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                             |  | Pressure/Forced              | Contamination | Power Loss/Surge | Positioned Wrong | Bending | Misaligned/off center | Folio/Program | Outside Tolerance | Crushing | BOM/Route | Grain Direction | Drawing | Cracks | Broken/Damage/Defect | Weld | Finish | Crimp/Kink/Ripple/Wave/Twist | Incomplete/Unclear Instructions | Wrong Stock Pulled | Part Lost/Missing | Marks/Chatter | Drill Holes | Out of Sequence | Misread | Mislabeled | Fit/Function | Off-set/Set-up |  |
| Pressure/Forced                                                                                                                                                                                                                                                                                                                                                                     | Contamination                   | Power Loss/Surge                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Positioned Wrong  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                             |  |                              |               |                  |                  |         |                       |               |                   |          |           |                 |         |        |                      |      |        |                              |                                 |                    |                   |               |             |                 |         |            |              |                |  |
| Bending                                                                                                                                                                                                                                                                                                                                                                             | Misaligned/off center           | Folio/Program                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Outside Tolerance |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                             |  |                              |               |                  |                  |         |                       |               |                   |          |           |                 |         |        |                      |      |        |                              |                                 |                    |                   |               |             |                 |         |            |              |                |  |
| Crushing                                                                                                                                                                                                                                                                                                                                                                            | BOM/Route                       | Grain Direction                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Drawing           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                             |  |                              |               |                  |                  |         |                       |               |                   |          |           |                 |         |        |                      |      |        |                              |                                 |                    |                   |               |             |                 |         |            |              |                |  |
| Cracks                                                                                                                                                                                                                                                                                                                                                                              | Broken/Damage/Defect            | Weld                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Finish            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                             |  |                              |               |                  |                  |         |                       |               |                   |          |           |                 |         |        |                      |      |        |                              |                                 |                    |                   |               |             |                 |         |            |              |                |  |
| Crimp/Kink/Ripple/Wave/Twist                                                                                                                                                                                                                                                                                                                                                        | Incomplete/Unclear Instructions | Wrong Stock Pulled                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Part Lost/Missing |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                             |  |                              |               |                  |                  |         |                       |               |                   |          |           |                 |         |        |                      |      |        |                              |                                 |                    |                   |               |             |                 |         |            |              |                |  |
| Marks/Chatter                                                                                                                                                                                                                                                                                                                                                                       | Drill Holes                     | Out of Sequence                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Misread           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                             |  |                              |               |                  |                  |         |                       |               |                   |          |           |                 |         |        |                      |      |        |                              |                                 |                    |                   |               |             |                 |         |            |              |                |  |
| Mislabeled                                                                                                                                                                                                                                                                                                                                                                          | Fit/Function                    | Off-set/Set-up                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                             |  |                              |               |                  |                  |         |                       |               |                   |          |           |                 |         |        |                      |      |        |                              |                                 |                    |                   |               |             |                 |         |            |              |                |  |
| <b>Other/Details:</b><br>_____                                                                                                                                                                                                                                                                                                                                                      |                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                             |  |                              |               |                  |                  |         |                       |               |                   |          |           |                 |         |        |                      |      |        |                              |                                 |                    |                   |               |             |                 |         |            |              |                |  |